

SGX & STX BATTERY CABLE

125°C. 60 Volts DC and 25 Volts AC. Flexible Stranded Copper Conductor. XLPE Insulation.



Image not to scale and for reference only. See Table 1 for Dimensions

CONSTRUCTION:

Conductors: Flexible stranded bare copper; See Table 1 for Stranding Details

Insulation: Crosslinked Polyethylene (XLPE)

Colors: All Colors available; Stripes available upon request

APPLICATIONS AND FEATURES:

Southwire Type SGX and STX battery cables are 60 VDC and 25 VAC cables that can be used in harnesses made for all types of land vehicles. 600 V - 1,000 V rated designs may be available on special order. Other sizes and constructions may also be available on special order. Contact sales.

Resistant to flame, ozone, hot water, abrasion, automotive fluids, temperature and humidity cycling.

SPECIFICATIONS:

- ASTM B3 Soft or annealed copper
- SAE J1127 Low Voltage Battery Cable

SAMPLE PRINT LEGEND*:

6 GA SAE J1127 TYPE SGX

* Type STX is not printed.



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TABLE 1 - WEIGHTS & MEASUREMENTS

Stock Code	Cond. Size (AWG)	Stranding Information	Nominal Insulation Thickness (inches)	Nominal OD (inches)	Nominal Weight (Lbs/Mft)
Type STX Thin Wall					
F06037-	6	133/27	0.043	0.282	104
F04044-	4	133/25	0.044	0.331	145
F02031-	2	133/23	0.044	0.418	241
F01039-	1	826/30	0.044	0.435	286
F1T063-	1/0	1026/30	0.044	0.480	352
F2T061-	2/0	1254/30	0.044	0.507	430
Type SGX General Purpose					
F06023-	6	133/27	0.060	0.315	114
F04014-	4	133/25	0.065	0.374	160
F02013-	2	133/23	0.065	0.428	246
F01011-	1	259/25	0.065	0.460	313
F1T016-	1/0	1026/30	0.065	0.523	375
F2T010-	2/0	1254/30	0.065	0.578	455
F3T008-	3/0	1615/30	0.078	0.654	596
F4T015-	4/0	2052/30	0.078	0.714	758

All dimensions are nominal and subject to nominal manufacturing tolerances

